

[54] **METHOD AND APPARATUS FOR CORRELATING A PIPELINE INSPECTION RECORD TO KNOWN EXTERNAL LOCATIONS**

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[57]

ABSTRACT

Apparatus and methods are disclosed for correlating a pipeline inspection record to known external locations along the pipeline. Inspection signals produced by inspection apparatus transported through a pipeline are recorded on magnetic tape along with regularly occurring coded time signals produced by a time code generator. At known locations external to the pipeline the passage of the inspection apparatus through the pipeline is detected and the exact time of passage is recorded either at the respective known locations, or via telemetry, at a base station. Magnetic tape having inspection signals and time coded signals is correlated with time signals recorded when inspection apparatus passed known locations to indicate the position of known external locations on the inspection record.

17 Claims, 5 Drawing Figures

